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FORM PTO-1390 MODIFIED			U.S. DEPARTMENT C	OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEYS DOCKER AUMEN PTO U 4 JAN 200								
	•	TRA		R TO THE UNITED STATES	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1,5)								
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371													
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED													
			2003/002821	1 July 2003	4 July 2002								
TITL	E OF	INVEN		ENT SEPARATION USING COMPLEX FRE	QUENCY SHIFTING CONVERTERS								
APPLICANT(S) FOR DO/EO/US LILLINGTON et al													
App	licant	herewit	th submits to the Unite	ed States Designated/Elected Office (DO/EO/	US) the following items and other information:								
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.												
2.		•											
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.											
4.	\boxtimes												
5.	A co	copy of the International Application as filed (35 U.S.C. 371(c)(2).											
	a.												
,	b.	has been communicated by the International Bureau.											
	C.	☐ is											
6.		An English language translation of the International Application as filed (35 U.S.C. 371(c)(3)											
	a. Ceri												
	b.	□ r	nas been previously s	ubmitted under 35 U.S.C. 154(d)(4).									
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)											
	a.	are attached hereto (required only if not communicated by the International Bureau).											
	b.	□ F	have been communicated by the International Bureau.										
	c.	have not been made; however, the time limit for making such amendments has NOT expired.											
	d.												
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3).											
9.	a.												
	b. Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).												
10. U.S		An En '1(c)(5).		ation of the annexes of the International Prelin	minary Examination Report under PCT Article 36 (35								
	iten	ns 11 To	o 20 below concern	document(s) or information included:									
11.	\boxtimes	An Inf	ormation Disclosure S	Statement under 37 C.F.R. 1.97 and 1.98.									
12.													
13.	a. ' b		A FIRST preliminary a A SECOND or SUBSE	nmendment. EQUENT preliminary amendment.									
14.		An Ap	plication Data Sheet	under 37 C.F.R. § 1.76.									
15.		A substitute specification.											
16.		A cha	nge of power of attorn	ney and/or address letter.									
17.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.											
18.		A second copy of the published international application under 35 U.S.C. 154(d)(4).											
19.		A sec	ond copy of the Englis	sh language translation of the international ap	pplication under 35 U.S.C. 154(d)(4).								
20.	Other items or information. PCT Request Form, International Preliminary Examination Report w/amended sheets												

10/520160

DT05 Rec'd PCT/PTO 0 4 JAN 2005

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.		INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER 550-609								
unknown PCT/GB2003/002821 550-609 21. ⊠ The following fees are submitted:													
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):													
a) Basic national fee	\$	300.00											
b) Examination Fee\$200.00 (1633)/\$100.00 (2633)													
C) Search Fee	\$	500.00											
TOTAL OF A	\$	1000.00											
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.													
Total Sheets Extra Sheets Number of each additional 50 or RATE fraction thereof (round up to a whole													
45 -100 0 /50 = 0.00				250.00 (1681)		\$		··					
45 -100 0 750 = 0.00			φ 230	.00 (1001)		🎝							
	\$125.00 (2681)												
Surcharge of \$130.00 (1617)/\$65.00 (261			cu										
from the earliest claimed priority date (37	<u>_</u>).				\$	130.00						
CLAIMS NUMBER FILED Total Claims 10 minus 20	# EXTRA	050 00 (4045) /	ſ	RATE									
Total Claims 10 minus 20 =	0 X	\$50.00 (1615)/		\$25.00 (2615)		\$							
Independent Claims 1 minus 3 =		\$200.00 (1614)		\$100.00 (2614)		\$							
MULTIPLE DEPENDENT CLAIMS(S) (if	pplicable)			6)/\$180.00 (2616		\$	0.00						
Petition is hereby made to extend the cur attachment(s): One Month Extension \$12	ent due date so 0.00 (1251)/\$6	o as to cover the 0.00 (2251): Two	e tiling o Mon	date of this pape ith Extensions \$4	r and 50.00								
(1252)/\$225.00 (2252);Three Month Exte													
\$1590.00 (1254/\$795.00 (2254)						\$	0.00						
Applicant claims small entity status.													
Processing fee of \$130.00 (1618), for furnishing the English Translation later than 20 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f). + 0.00													
The same of the sa	(07 011 11 11			TOTAL NATION	IAL FEE =	\$	1,130.00						
Fee for recording the enclosed assignme	nt (37 C.F.R. 1.	21(h). The assig	gnmer	nt must be accom	panied by		0.00						
an appropriate cover sheet (37 C.F.R. 3.2 Fee for Petition to Revive Unintentionally	8, 3.31). \$40.0 Abandoned Ap	nlication:\$1500 (openy oo (14	+ (53) / \$ 750 00 <i>(24</i>	153)	\$	0.00						
1 55 151 1 Gladon to Heavise Offinite Internationally	Abandoned Ap	prication, \$1000.		AL FEES ENC		\$	1,130.00						
TOTAL TELOCHOLOGED -								Amount to be:					
·								\$					
a	Charged \$												
 a. A check in the amount of \$1130.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. 													
A duplicate copy of this form is enclosed.													
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any													
overpayment to Deposit Account No. <u>14-1140</u> . A <u>duplicate</u> copy of this form is enclosed. d. CREDIT CARD PAYMENT FORM ATTACHED.													
e. The entire content of Internatio			3/002	821 and any U.S	. and foreig	n ap	plication(s)	corresponding					
thereto, and , referred to in this app	lication is/are h	ereby incorporat	ted by	reference in this	application								
NOTE: Where an appropriate time limit or (b) must be filed and granted to rest					a petition t	o re	vive (37 C.F	F.R. 1.137(a)					
or (b) must be filed and granted to restore the application to pending status. CORRESPONDENCE ADDRESS													
Direct all correspondence to:													
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 Telephone: (703) 816-4000	_	<u> </u>											
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